

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081936.D
 Acq On : 1 Oct 2015 13:37
 Operator : UM/IZ
 Sample : PB85866BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85866BL

Quant Time: Oct 02 01:50:26 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	108974	20.00	ng	-0.05
21) Naphthalene-d8	8.18	136	442737	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	220994	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	438497	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	430186	20.00	ng	-0.06
86) Perylene-d12	15.51	264	339783	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	627622	104.55	ng	-0.02
7) Phenol-d6	6.53	99	904791	119.78	ng	-0.03
23) Nitrobenzene-d5	7.46	82	560729	84.43	ng	-0.03
41) 2,4,6-Tribromophenol	10.72	330	242307	108.26	ng	-0.05
44) 2-Fluorobiphenyl	9.26	172	1087249	81.71	ng	-0.05
78) Terphenyl-d14	13.01	244	1128178	84.59	ng	-0.05

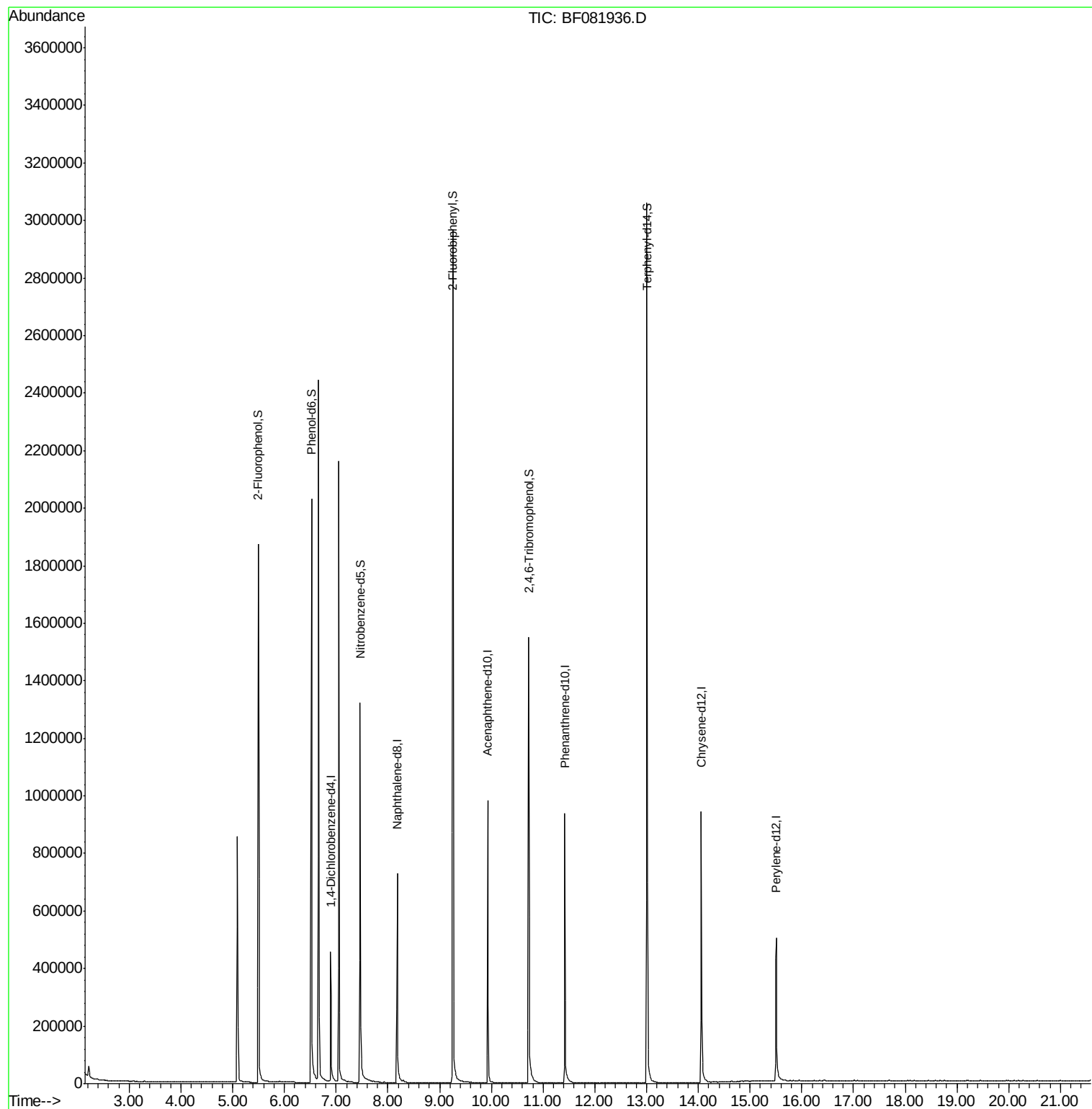
Target Compounds	Qvalue
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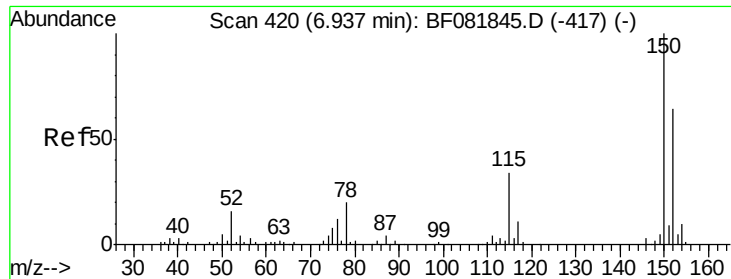
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF081936.D

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ClientSampleId :

PB85866BL

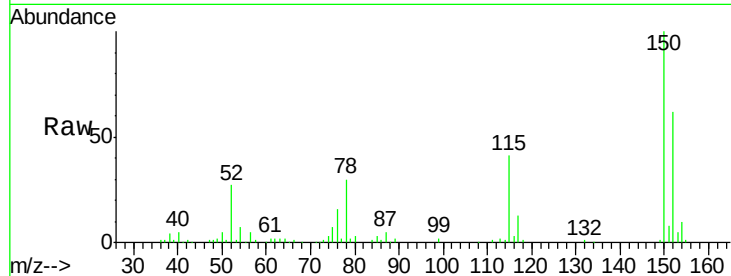
Tgt Ion:152 Resp: 108974

Ion Ratio Lower Upper

152 100

150 160.3 124.7 187.1

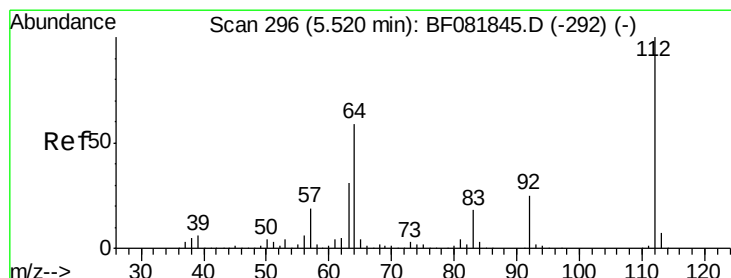
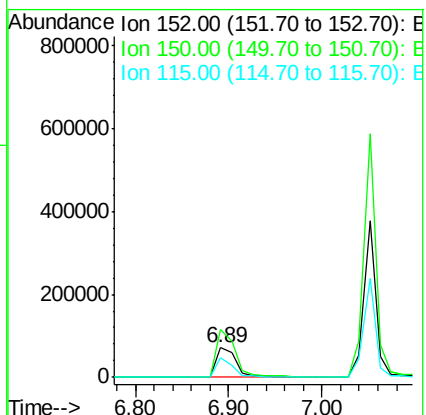
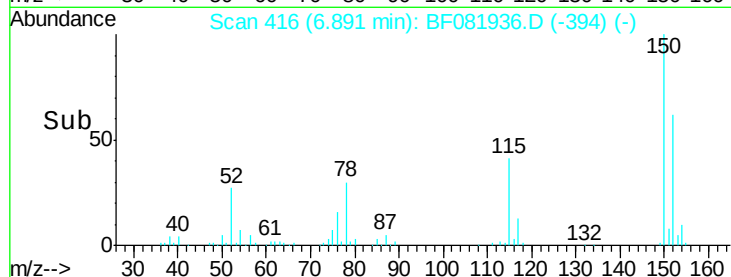
115 66.2 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 104.55 ng

RT: 5.50 min Scan# 294

Delta R.T. -0.02 min

Lab File: BF081936.D

Acq: 1 Oct 2015 13:37

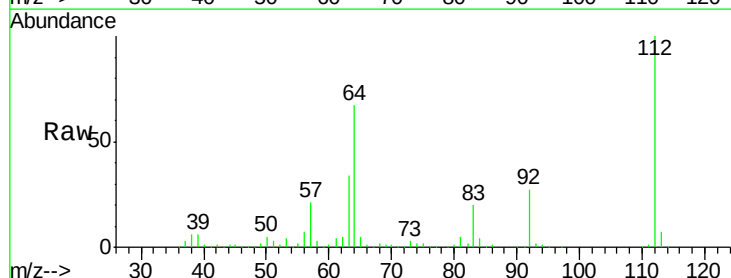
Tgt Ion:112 Resp: 627622

Ion Ratio Lower Upper

112 100

64 66.6 39.7 59.5#

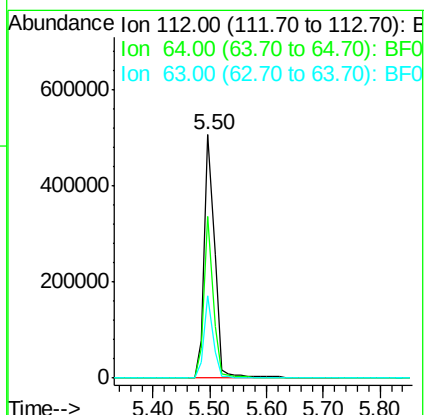
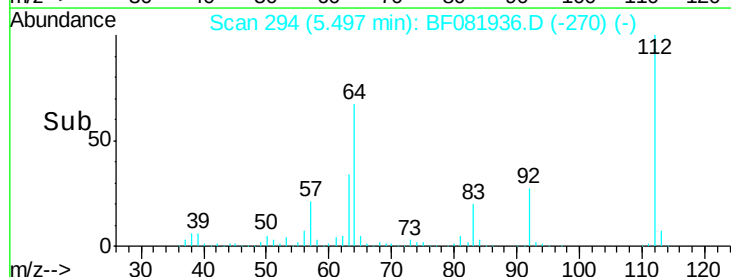
63 34.1 17.4 26.0#

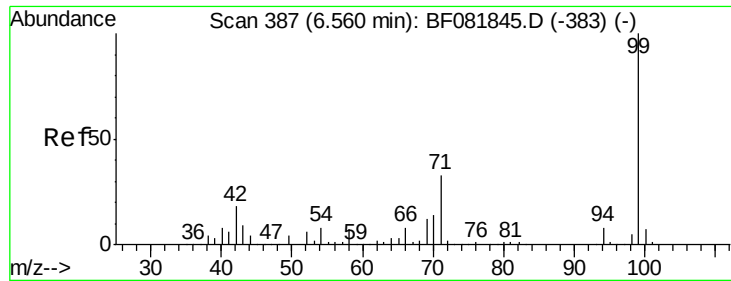


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.78 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081936.D

Acq: 1 Oct 2015 13:37

Instrument :

BNA_F

ClientSampleId :

PB85866BL

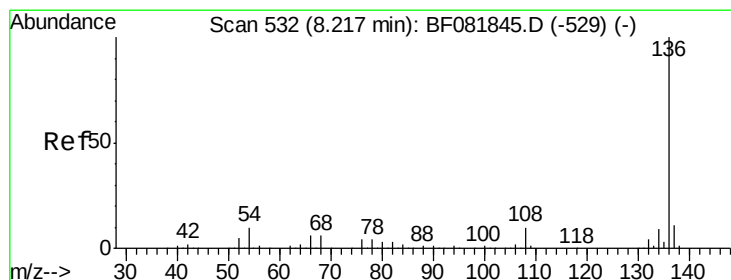
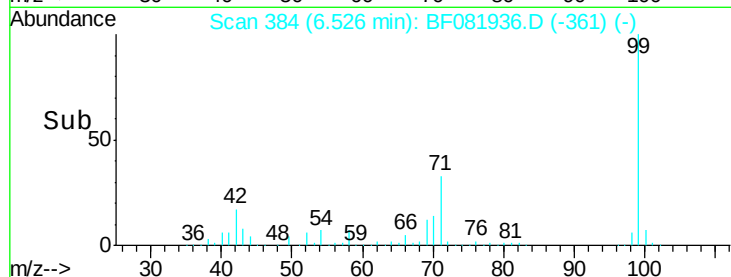
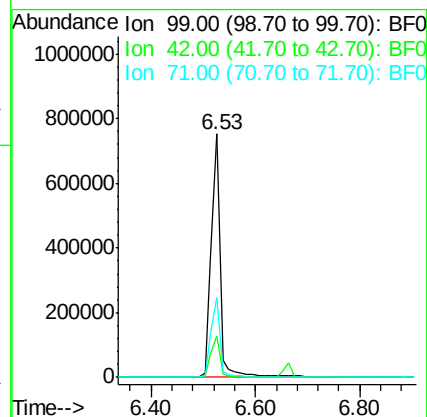
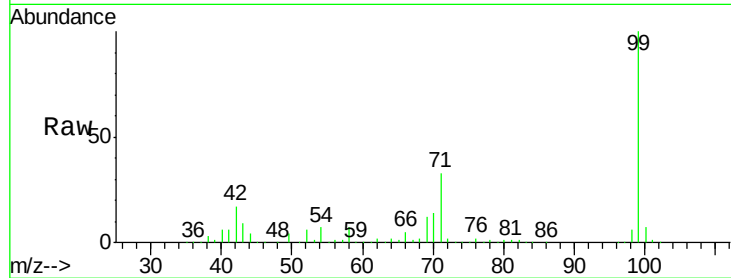
Tgt Ion: 99 Resp: 904791

Ion Ratio Lower Upper

99 100

42 16.9 13.7 20.5

71 32.8 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 529

Delta R.T. -0.03 min

Lab File: BF081936.D

Acq: 1 Oct 2015 13:37

Tgt Ion: 136 Resp: 442737

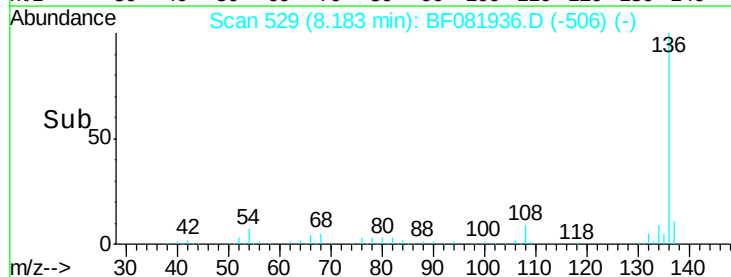
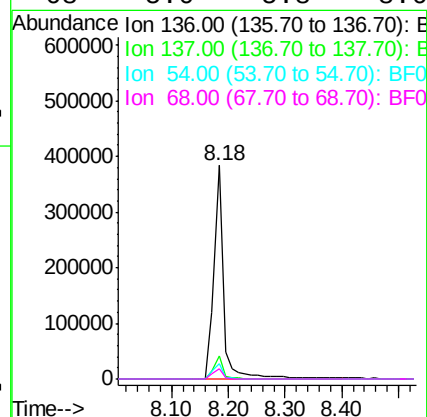
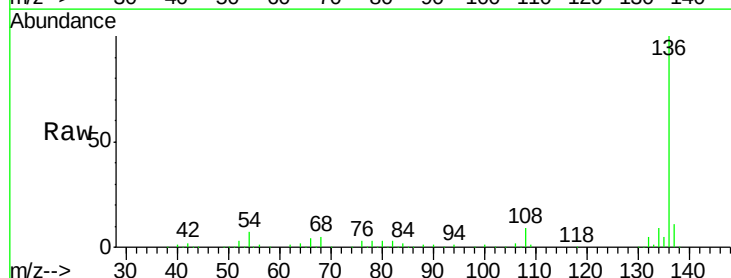
Ion Ratio Lower Upper

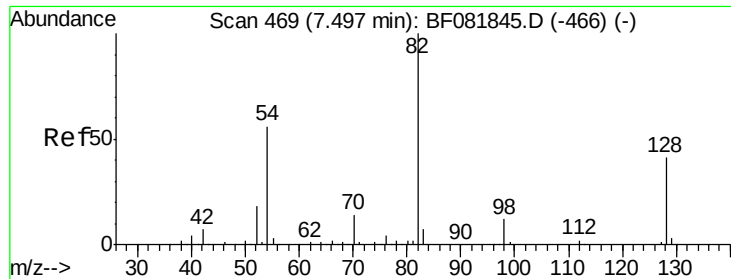
136 100

137 10.7 9.0 13.6

54 7.1 8.2 12.2#

68 5.0 5.8 8.6#

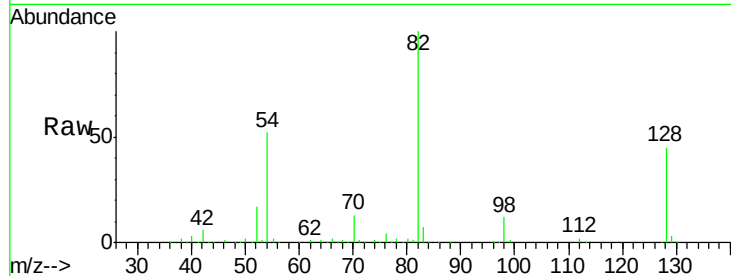




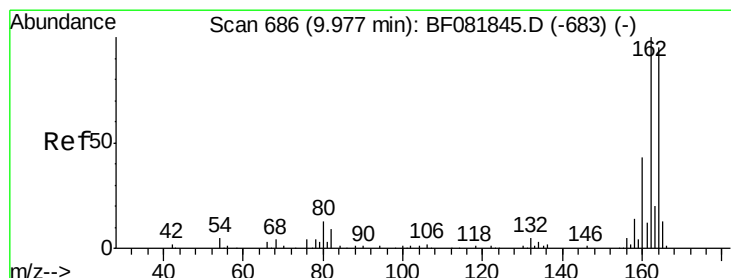
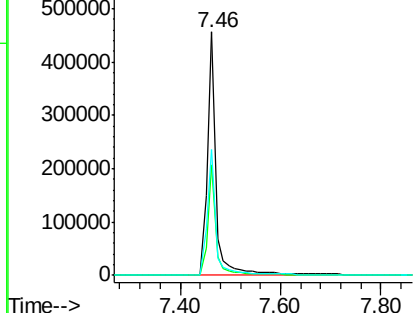
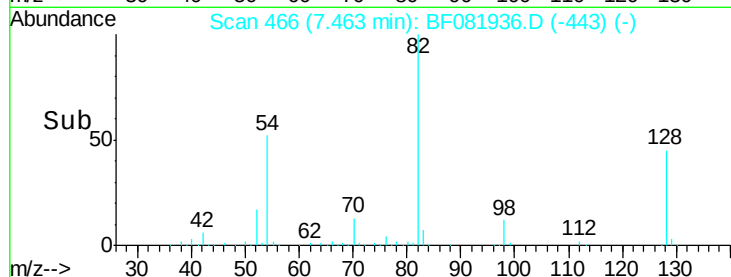
#23
 Nitrobenzene-d5
 Concen: 84.43 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.03 min
 Lab File: BF081936.D
 Acq: 1 Oct 2015 13:37

Instrument :
 BNA_F
 ClientSampleID :
 PB85866BL

Tgt Ion: 82 Resp: 560729
 Ion Ratio Lower Upper
 82 100
 128 45.5 51.0 76.6#
 54 51.9 47.5 71.3

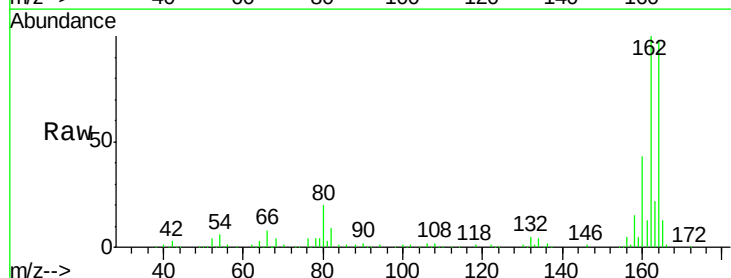


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

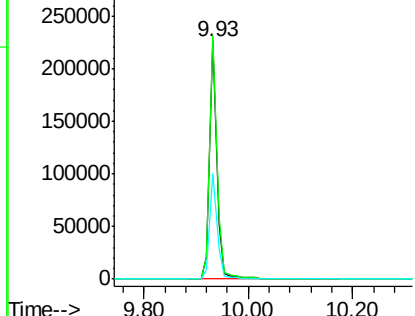
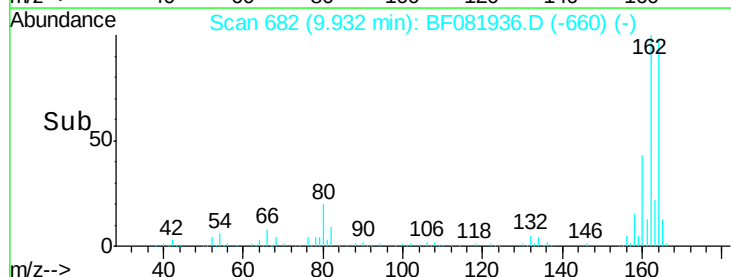


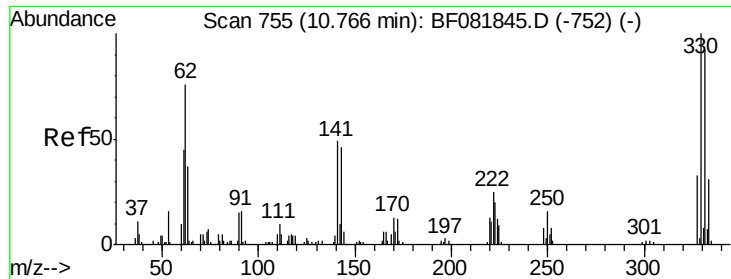
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF081936.D
 Acq: 1 Oct 2015 13:37

Tgt Ion: 164 Resp: 220994
 Ion Ratio Lower Upper
 164 100
 162 102.2 75.2 112.8
 160 44.4 31.5 47.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

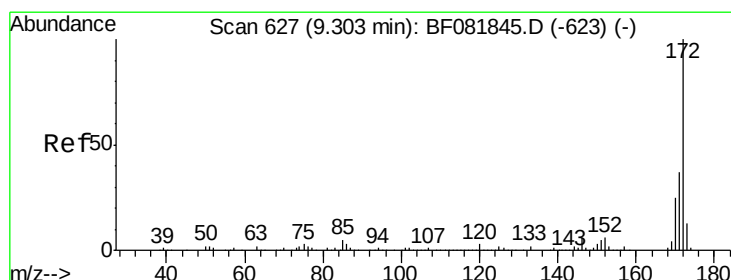
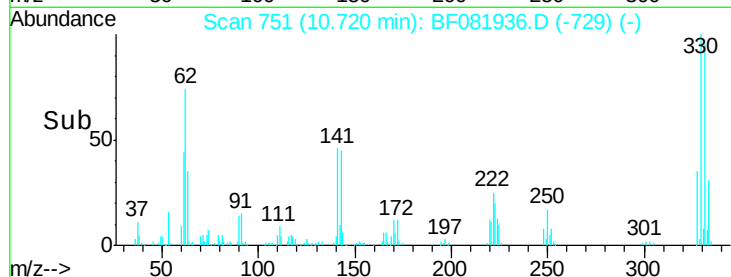
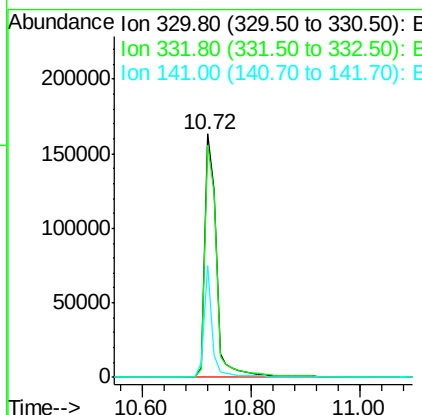
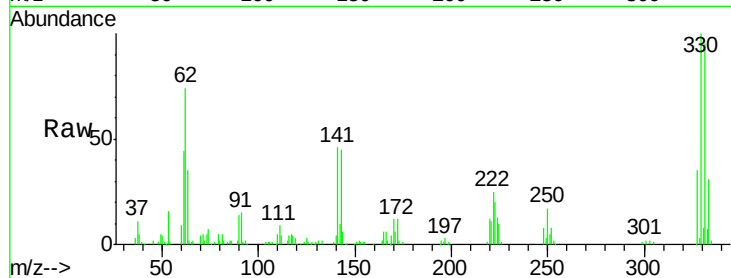




#41
 2,4,6-Tribromophenol
 Concen: 108.26 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.05 min
 Lab File: BF081936.D
 Acq: 1 Oct 2015 13:37

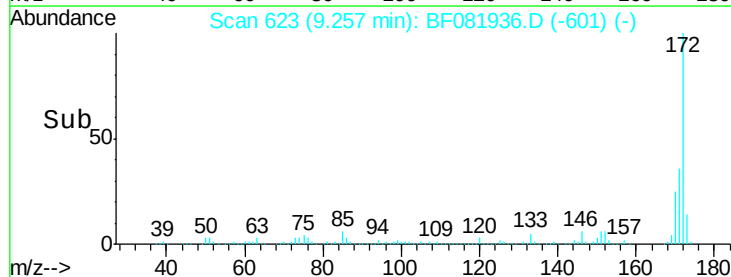
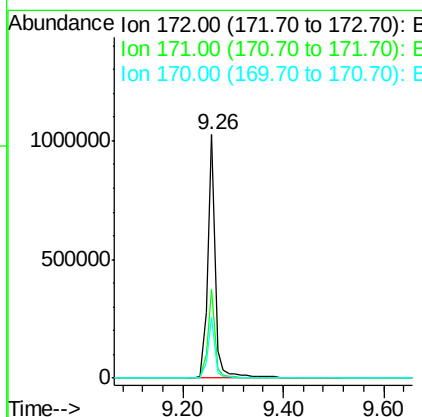
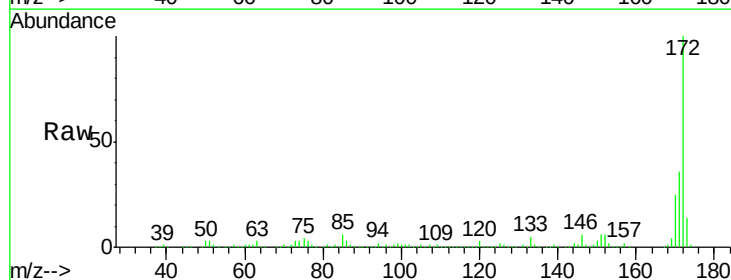
Instrument :
 BNA_F
 ClientSampleId :
 PB85866BL

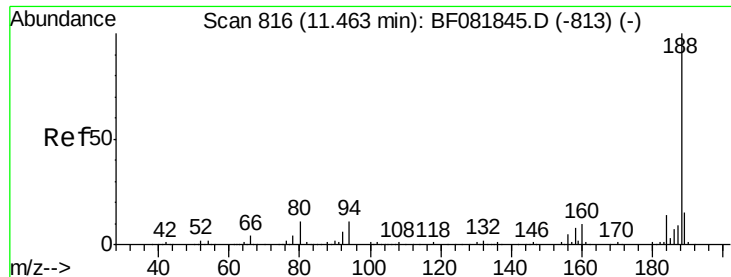
Tgt Ion:330 Resp: 242307
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 33.0 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 81.71 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081936.D
 Acq: 1 Oct 2015 13:37

Tgt Ion:172 Resp: 1087249
 Ion Ratio Lower Upper
 172 100
 171 36.5 26.1 39.1
 170 24.7 17.4 26.2

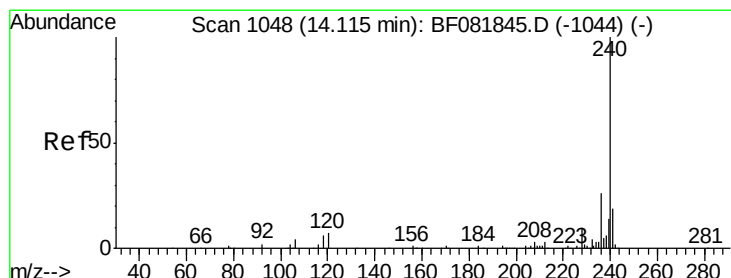
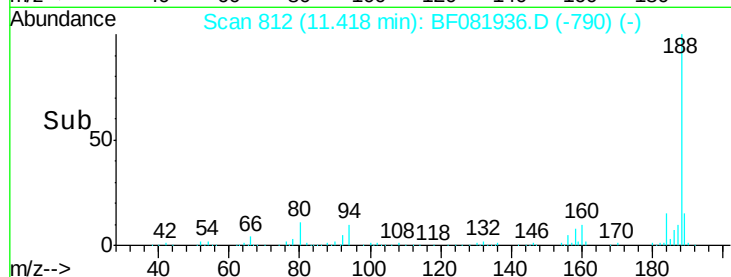
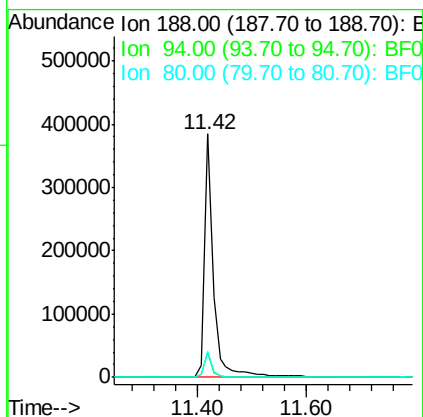
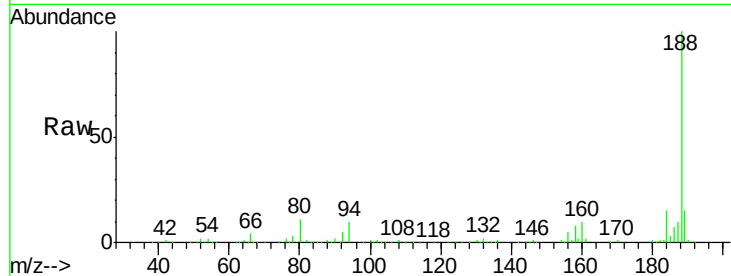




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.05 min
Lab File: BF081936.D
Acq: 1 Oct 2015 13:37

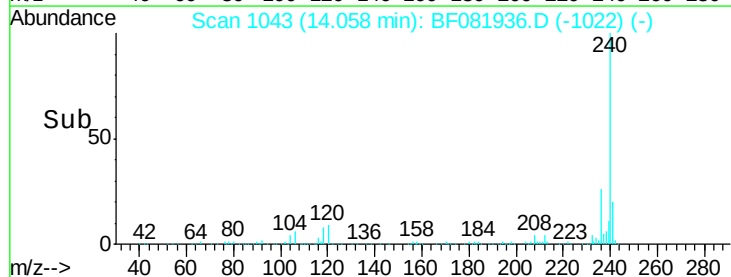
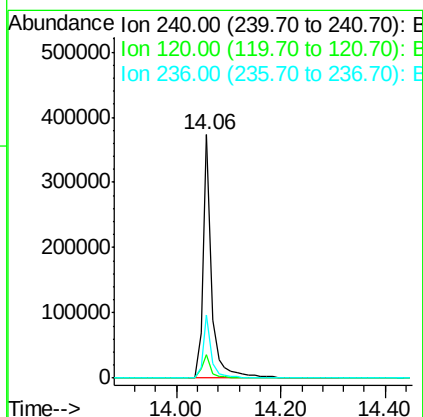
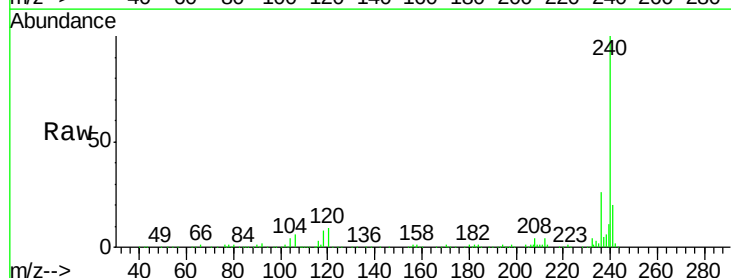
Instrument :
BNA_F
ClientSampleID :
PB85866BL

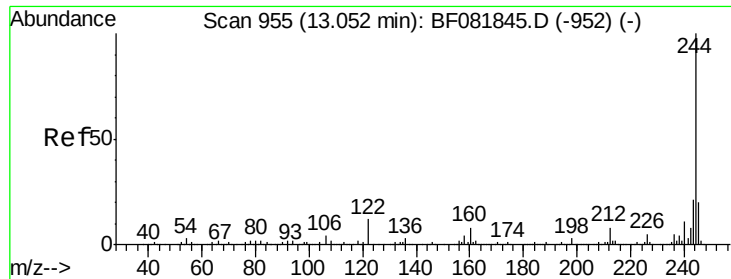
Tgt Ion:188 Resp: 438497
Ion Ratio Lower Upper
188 100
94 9.9 11.1 16.7#
80 10.5 11.0 16.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 1043
Delta R.T. -0.06 min
Lab File: BF081936.D
Acq: 1 Oct 2015 13:37

Tgt Ion:240 Resp: 430186
Ion Ratio Lower Upper
240 100
120 9.4 16.2 24.2#
236 26.1 18.4 27.6

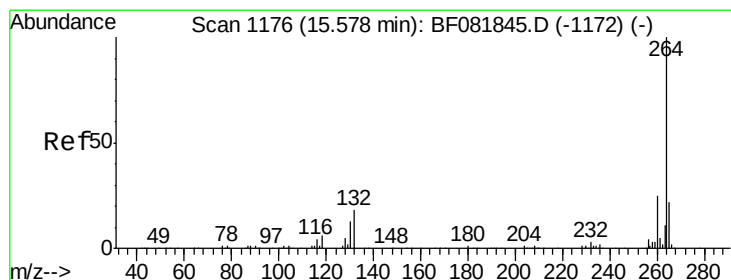
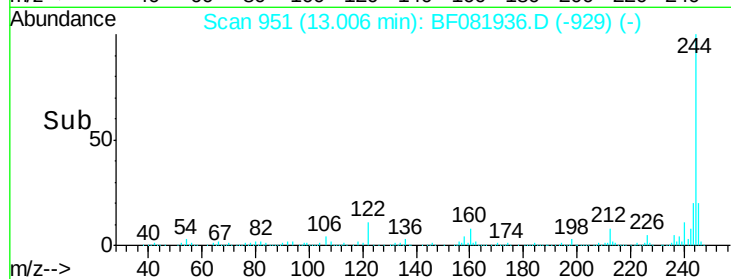
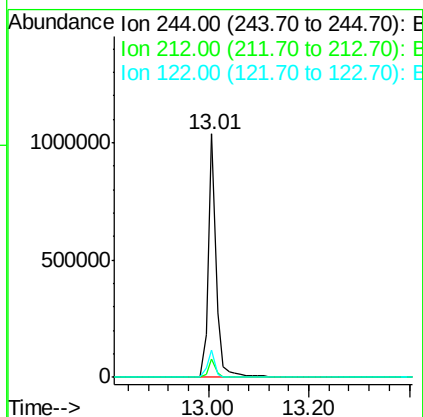
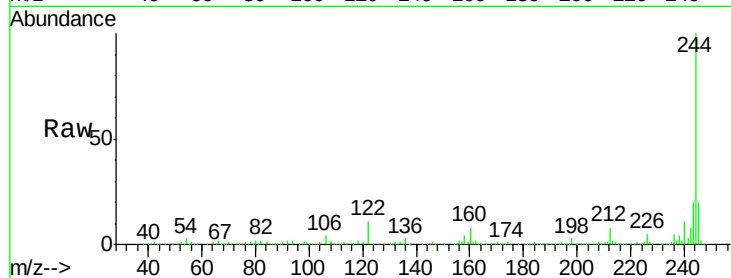




#78
 Terphenyl-d14
 Concen: 84.59 ng
 RT: 13.01 min Scan# 951
 Delta R.T. -0.05 min
 Lab File: BF081936.D
 Acq: 1 Oct 2015 13:37

Instrument :
 BNA_F
 ClientSampled :
 PB85866BL

Tgt Ion:244 Resp: 1128178
 Ion Ratio Lower Upper
 244 100
 212 7.7 4.3 6.5#
 122 11.2 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1170
 Delta R.T. -0.07 min
 Lab File: BF081936.D
 Acq: 1 Oct 2015 13:37

Tgt Ion:264 Resp: 339783
 Ion Ratio Lower Upper
 264 100
 260 24.0 16.7 25.1
 265 20.7 17.2 25.8

